



2011-2016 MINI Cooper Countryman (R60 & Paceman (R61)

Tire Sizing for use with 2" Lift Kits

REV 11/14/2018

NOTE:

2017-2019 F60 Countryman, F54 Clubman, X1 BMW

The tire and wheel sizes recommended in this document are applicable for the Gen 3 Countryman. The only difference is that the wheel bolt pattern on the Gen 3 is 5x112mm. For the F54 Clubman and X1 Clubman larger than OE diameter tires will be difficult to install because of the small radius of the wheel arch provided by the factory. Trial fit-up is always highly recommended for any aftermarket wheel and tire combination to ensure adequate tire-to-body and wheel-to-brake clearance.

Online Resources
www.wheel-size.com
www.tiresize.com
www.tirerack.com
www.discounttire.com

Example Wheel Manufacturers
 Konig Wheels <https://konigwheels.com/>
 Oz Racing Wheels <https://www.ozracing.com/>
 KMC Wheels www.kmcwheels.com/
 Black Rhino Wheels <https://www.blackrhinowheels.com/>

We recommend the lightest total weight wheel & tire combination to help reduce slow speed wobble and reduce brake overheating

2011-2016 R60 Models

MINI Factory Countryman Tire Size	Tire Diameter (in)	Tire Width (in)	Wheel Diameter (in)	Wheel Width (in)
205/55R17	25.9	8.1	17	7
225/45R18	26.0	8.9	18	7.5
225/40R19	26.1	8.9	19	7.5

OE MINI Factory Wheel Specifications	17" wheel	18" Wheel	19" Wheel
Bolt Pattern	5x120mm	5x120mm	5x120mm
Offset (mm)	50	52	52
Width (inch)	7	7.5	7.5
Center hub diameter (mm)	72.6mm	72.6mm	72.6mm
Wheel Bolt Thread	M14-P1.25	M14-P1.25	M14-P1.25



Notes:

- 1.) The M7 Speed R60 2" Lift Kit fits all 2011-2016 R60 Countryman/R61 Paceman models (Base FWD, Base ALL4, S FWD, S ALL4, JCW)
- 2.) The maximum tire size found not to rub is 225/65R17 (28.5" dia x 8.9" width)
- 3.) Tire diameters up to 29" and 9.5" wide will work but may require modifications to the wheel lips and inner fenders. Minor inner fender well rubbing will occur during full-lock turning and excessive wheel travel.
- 4.) Tire diameters greater than 29" and wider than 9.5" will require modifications to the wheel lips and inner fenders.
- 5.) Larger diameter tires will cause the in car speedometer to read 4-6+ MPH slower than actual speed at 65MPH. Electronic recalibration of the speedometer for different than OE size tires is not yet available.
- 6.) Trial fit-up is always highly recommended for any aftermarket wheel and tire combination to ensure adequate tire-to-body and wheel-to-brake clearance.

The Process

Select the tire Make | Model | Size you like. See Page 2 for tire size chart and example pre-selected tires.

Determine the recommended wheel size suggested for that tire. See Page 3 for example pre-selected Wheels

Wheel Selection

There are hundreds of wheel manufacturers and thousands of wheel styles available in the marketplace. We recommend spending some time researching wheels that will fit your MINI. Even though a lifted MINI is a modified vehicle the standard fitment search tools available online will find the appropriate wheel size if you search by YEAR | MAKE | MODEL. These are available on any number of online tire and wheel stores (www.tirerack.com). You can then select your desired wheel size and width appropriate for the tire size you have selected. Once you have decided on a wheel then some calculations will be required to determine if wheel spacers are needed for your wheel selection. See Below.

Wheel Selection Steps

Determine the tire size you want to put on your lifted MINI.	Example
225/65R17	
Note the wheel dia and wheel width required.	6" - 8"
Search for the wheel dia, width and bolt pattern.	17" x 8" 5x120 BC
Note the OFFSET listed in the wheel specifications	35mm
Note the HUB DIA (HUB BORE) listed in the wheel specifications	76mm

Use the middle of the MIN-MAX if a range is given

Spacer Calculations

Ww = Width of new wheel (inches)
Wo = Offset of new wheel (mm)
S = Spacer required (mm)

$$X1 = 25.4 \times [(Ww - 7.0)2]$$

$$X2 = 50 - Wo$$

$$S = (X1 + 12) - X2$$

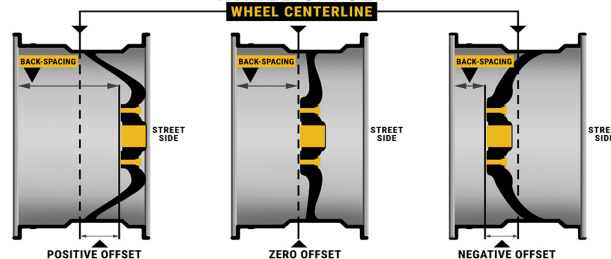
$$X1 = 25.4 \times ((8 - 7)/2) = 12.7$$

$$X2 = 50 - 35 = 15$$

$$\text{Spacer} = (12.7 + 12) - 15 = 9.7$$

Round Up to 10mm
 Spacer Required = 10mm

WHEEL OFFSET



Spacer Notes:

Purchase only high quality, properly sized, "HUB-CENTRIC" wheel spacers from reputable suppliers that match the MINI and Wheel hub size. Always purchase longer wheel bolts (stock length + spacer thickness) with the spacers. Check wheel bolt torque after installation and after driving a minimum of 100 miles multiple times until the torque stabilizes. The recommended wheel torque is 100 lb-ft [135 Nm].
www.ecstuning.com is a good source for high quality spacers and long wheel bolts.

The information provided within this document is for reference only. The user is advised to do their own research and due diligence to find proper fitting tires and wheels and assumes all responsibility and liability. M7 does not guarantee or warranty the information presented is accurate or correct.

Tire Size Chart

Suggested tire manufactures include Goodyear, Toyo, Falken, Michelin, BF Goodrich, Nitto, Yokohama, Hankook, Continental, Uniroyal, Cooper

This Size should fit with no or only minor modifications plus required wheel spaces.

SEE NOTE #2

This Size should fit with minor inner fender rubbing and some wheel lip/inner fender modifications plus required wheel spaces. Proceed with caution.

SEE NOTE #3

27" Tire Diameter Sizes

17" Wheel Size

Tire Size	Tire Diameter (in)	Tire Width (in)	Wheel Diameter	Recommended Wheel Width	
215/60R17 = 27.2x8.5R17	215/60R17	27.2	8.5	17	6-7.5"
225/60R17 = 27.6x8.9R17	225/60R17	27.6	8.9	17	6-8"
235/55R17 = 27.2x9.3R17	235/55R17	27.2	9.3	17	6.5-8.5"
245/55R17 = 27.6x9.6R17	245/55R17	27.6	9.6	17	7-8.5"

18" Wheel Size

215/55R18 = 27.3x8.5R18	215/55R18	27.3	8.5	18	6-7.5"
225/55R18 = 27.7x8.9R18	225/55R18	27.7	8.9	18	6-8"
235/50R18 = 27.3x9.3R18	235/50R18	27.3	9.3	18	6.5-8.5"
245/50R18 = 27.6x9.7R18	245/50R18	27.6	9.7	18	7-8.5"
255/45R18 = 27x10R18	255/45R18	27.0	10.0	18	8-9.5"
265/45R18 = 27.4x10.4R18	265/45R18	27.4	10.4	18	8.5-10"
275/45R18 = 27.7x10.8R18	275/45R18	27.7	10.8	18	8.5-10.5"

19" Wheel Size

225/45R19 = 27x8.9R19	225/45R19	27.0	8.9	19	7-8.5"
235/45R19 = 27.3x9.3R19	235/45R19	27.3	9.3	19	7.5-9"
245/45R19 = 27.7x9.7R19	245/45R19	27.7	9.7	19	7.5-9"
255/40R19 = 27x10R19	255/40R19	27.0	10.0	19	8.5-10"
265/40R19 = 27.3x10.4R19	265/40R19	27.3	10.4	19	9-10.5"
275/40R19 = 27.7x10.8R19	275/40R19	27.7	10.8	19	9-11"

20" Wheel Size

215/45R20 = 27.6x8.5R20	215/45R20	27.6	8.5	20	7-8"
235/40R20 = 27.4x9.3R20	235/40R20	27.4	9.3	20	8-9.5"
245/40R20 = 27.7x9.7R20	245/40R20	27.7	9.7	20	8-9.5"
255/35R20 = 27x10R20	255/35R20	28.0	10.0	20	8.5-10"
265/35R20 = 27x10.4R20	265/35R20	27.0	10.4	20	9-10.5"
275/35R20 = 27.6x10.8R20	275/35R20	27.6	10.8	20	9-11"

28" Tire Diameter Sizes

17" Wheel Size

Tire Size	Tire Diameter (in)	Tire Width (in)	Wheel Diameter	Recommended Wheel Width	
215/65R17 = 28x8.5R17	215/65R17	28	8.5	17	6-7.5"
215/70R17 = 28.9x8.5R17	215/70R17	28.9	8.5	17	5.5-7"
225/65R17 = 28.5x8.9R17	225/65R17	28.5	8.9	17	6-8"
235/60R17 = 28.1x9.3R17	235/60R17	28.1	9.3	17	6.5-8.5"
255/55R17 = 28x10R17	255/55R17	28	10	17	7-9"
275/55R17 = 28.9x10.8R17	275/55R17	28.9	10.8	17	7.5-9.5"

18" Wheel Size

225/60R18 = 28.6x8.9R18	225/60R18	28.6	8.9	18	6-8"
235/55R18 = 28.2x9.3R18	235/55R18	28.2	9.3	18	6.5-8.5"
245/55R18 = 28.6x9.6R18	245/55R18	28.6	9.6	18	7-8.5"
255/50R18 = 28x10R18	255/50R18	28	10	18	7-9"
265/50R18 = 28.4x10.4R18	265/50R18	28.4	10.4	18	9-10"

19" Wheel Size

225/55R19 = 28.7x8.9R19	225/55R19	28.7	8.9	19	6-8"
235/50R19 = 28.3x9.3R19	235/50R19	28.3	9.3	19	6.5-8.5"
245/50R19 = 28.6x9.6R19	245/50R19	28.6	9.6	19	7-8.5"
255/45R19 = 28x10R19	255/45R19	28	10	19	8-9.5"
265/45R19 = 28.4x10.4R19	265/45R19	28.4	10.4	19	8.5-10"
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20" Wheel Size

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275/40R20 = 28.7x10.8R20	275/40R20	28.7	10.8	20	9-11"

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Pre Selected Tires





The tire shown are only for reference and are available in many different sizes in addition to the ones listed.



Size	225/60R17	225/65R17	225/55R17	235/55R18
Model	Advantage T/A Sport	Geolandar A/T G015	WinterContact SI	Tiger Paw Ice & Snow 3
Tire Diameter	27.6"	28.5	27.6	28.2
Tire Width	9"	8.9	8.9	9.6
Wheel Size	17 x 6-8"	17 x 6-8"	17 x 6-8"	18 x 6.5-8.5"



Pre Selected Wheels

	Black Rhino www.blackrhinowheels.com		OZ Racing www.ozracing.com	
Model	Warlord	Warlord	Rally Racing	Rally Racing
Size	17 x 8	18x8	18x7.5	17x8
Offset	35mm	35mm	47mm	47mm
Spacer Size (mm)	15mm	15	16	22
				
	Verde Wheels www.verdewheels.com		KMC Wheels www.kmcwheels.com	
Model	Saga		Holeshot	
Size	17x7.5		17x8.5	
Offset	40mm		34	
Spacer Size (mm)	9		16	
				

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